



PNWFM

President's Message



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Greetings, mineral lovers!

The past few issues, it seems like I always need to lead with the hardest part of this job: bearing bad news. This time, I am saddened to report that everyone's favorite epidote miner, Doug Toland has died. There is a remembrance of him elsewhere in this issue, but I will miss Doug's modesty, his kindness and gentle sense of humor, and of course his fantastic stories of collecting in one of the world's most challenging environments.

Washington Pass Cleanup – August 10-12, 2018

The annual PNW Friends of Mineralogy Washington Pass Cleanup and Collecting Trip will be **August 10-12, 2018**. This collecting trip is the highlight field trip of the year for many members. It is a great opportunity to explore Washington Pass and search for rare minerals with some of the most knowledgeable collectors in this area.



Members will gather at Klipchuck Campground near milepost 174 of the North Cascades Hwy (Washington SR-20), about 8 miles east of Washington Pass on Friday evening August 11. Camp sites will be set aside for the group by the Forest Service. If you plan to attend, please let Bruce Kelley (bruce.kelley@gmail.com) know so ample space is provided. Friday night is camp set up, happy hour, and after dark collecting at the "rockslide" road cut looking for

Zektzerite with UV lamps. Bring a portable lamp if you have one. Saturday morning is set aside to work for a few hours on a project assigned by the Forest Service. This is usually road debris cleanup, brush clearing, campground maintenance or something similar. The afternoon is free for collecting and usually small groups scatter to various collecting areas. Saturday evening will feature a pot luck dinner back at the campground, socializing, and a return to the "rockslide" for UV collecting. Sunday is back to the slopes for more field collecting, pack up, and the scenic drive home.

Bring camping gear, collecting gear, food and drink, camera, UV light, loupe, sunscreen, bug repellent, and your best collecting yarns and join in the adventure!

Symposium – October 19-21, 2018

"Minerals of California"

(cont. on page 2)

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This year's theme has me really excited for the symposium in October!

Allan Young has once again recruited an awesome set of speakers and John Lindell is doing an amazing job of planning the show. I know that many of you have spectacular specimens from California, so if you are interested in putting in a display, contact Bob Meyer at pyrite111@hotmail.com

Our speakers' list of topics:

Dan Evanich – Reward Mine and Champion Mine

Rick Kennedy – Benitoite and Petersen Mountain

John Magnasco – Obscure but important California localities

Scott Werschky – California gold

And, in a special Friday night public event:

Leslie Moclock – "Getting Started with Rocks and Minerals"

The past few years, we have used the room across from the main floor for a variety of different activities. This year, we're using it as a public outreach center, with Friday night activities that are free and open to the public. We'll have several people give short talks or demonstrations of interest to those new to mineral collecting. Headlining this Friday night event will be Leslie Moclock, Curator at the Rice Northwest Museum of Rocks and Minerals in Hillsboro, Oregon. Her talk is titled "Getting Started with Rocks and Minerals." We plan to publicize this free evening locally and to regional rock clubs.

Speaking of the Rice Museum: As a member of PNWFM, you are automatically a group member of the museum. The Rice Museum will be open just for us on the Monday following the symposium. Plan an extra day in the area and visit this world class mineral museum!

We WILL have a Self-Collected contest this year, so be thinking of what specimens you might want to enter in these categories:

Self-collected California macro specimen

Self-collected California micro specimen

Self-collected in the past year, any locality, macro specimen

Self-collected in the past year, any locality, micro specimen

We are again limited to 80 people at the banquet. Since we expect higher attendance than that for this symposium, we have added a "No banquet" option to the registration. Ideally, we'd love to have everyone in there for the party, but we know that some of you aren't crazy about that aspect of the symposium, so hopefully this will work better for everyone. Remember that we no longer allow reserving "extra banquet meals." If we have extras on Saturday, we will sell them to guests, but we need to keep the banquet spots available for registrants until then.

If you are planning to be a room dealer, please contact Al Liebetrau liebetrauam@msn.com to make sure he has your information. You can pay your fee along with registration.

We will have registration ready to go by mid-July and will send a notice to the email list at that time.

Finally, remember to make your hotel reservations! We have had the hotel fill up in the past, so get your reservation in before September 4, the last date they guarantee us rooms. Call the Kelso Red Lion directly for the reduced rate: **360-578-4017**.

Member Participation: So many ways to get involved!

Write an article or send in a few photos for the newsletter. Went to Tucson? Send us a trip report! Find a weird fuzzy green mineral you'd like to share? Send us a photo whether you can positively identify it or not; I think mysteries are as fun as scholarly certainty. Thanks to Wes Gannaway, Beth Heesacker, Karen Hinderman, Chuck Hobart, Al Liebetrau, Bob Meyer, Don Newsome, Lanny Ream, Alexander Schauss, and myself for providing newsletter content so far this year.

Visit the Rice Museum "Summer Fest" on **August 5-6**, 2018.

Camp out and collect rare minerals at Washington Pass, **August 10-12**, 2018.

Plan to attend our 2018 symposium:

October 19-21, 2018 Minerals of California

"Like" our official Facebook page: [facebook.com/PNWFM](https://www.facebook.com/PNWFM)

Visit the Rice NW Museum of Rocks and Minerals in Hillsboro, OR. PNWFM members get free admission and store discounts. ricenorthwestmuseum.org

Send me ideas for how PNWFM can better serve you and the mineral collecting community.

Until next time,

-- Bruce Kelley, President, PNWFM



Doug Toland, Rest in Peace

Douglas Toland passed on into the dawn at home, surrounded by love, May 20, 2018. He courageously faced a February diagnosis of aggressive brain cancer. He was born to Ruth and Charles Toland, Wilmington, DE July 30, 1942. His family nurtured his love of weather, the outdoors and every living thing.

Graduating from Conrad High School, Douglas served 3 years as a Navy weatherman. He attended the University of Delaware and Montana State University, majoring in Earth Science/Mineralogy and Environmental Science. While attending U of Delaware, Doug was asked to be the Sherpa for a Smithsonian expedition to Green Monster Mountain, a world class Epidote crystal locality located on Prince of Wales Island, AK.

(June 1967). It was love at first sight. For the remainder of his life, Doug would travel to Green Monster, hand collecting crystals and savoring its beauty.

Doug and his first wife (Fran), moved to Alaska, finally settling in Juneau, where they raised two children, Andrew and Bonnie. He worked for the State of Alaska, Department of Environmental Conservation. When winter prevented trips to Green Monster, Doug acquired a talent for panning gold which he demonstrated for tourists and school children alike. In 1992, he married Mary, becoming a devoted stepfather to Glen and Sarah Aronson. Doug and Mary moved to Sagle ID in 1999.

Doug is preceded in death by his first wife (Fran Jameson) He is survived by his wife Mary, son Andrew (Portland), daughter Bonnie (Seattle), stepson Glen (MT), stepdaughter Sarah (MT). Other survivors include his brother David Toland (DE), Richard Toland (Gail) PA, sister-in-law Pat Paxton (NH), beloved nieces and nephews.

Throughout his life and career, Douglas was recognized for his environmental passion and love of volunteering in schools. Nothing pleased him more than reading with students, sharing his love of crystals via "classroom rock talks", and inspiring care for this planet through environmental education activities. Donations honoring Douglas may be made to Bonner County Human Rights Task Force (www.bchrtf.org), Panhandle Alliance for Education (<https://panhandlealliance.org>)

No service is planned. A family gathering will be held at a later date.

[Editor's note: I will greatly miss Doug. He was a kind, generous person and I looked forward to seeing him at the Symposium. Please keep his family in your prayers/kind thoughts.]

Auction News

By Karen Hinderman

We had an incredibly successful auction at the 2017 symposium. This only happens because we receive generous donations and we have generous bidders. Thank you to all of you who participate.

That being said, our supplies of decent material for the silent auctions are dwindling. Think about all those small specimens sitting in boxes that need a new home and bring them in for the silent auctions. Or while collecting this summer, pick up some of the smaller specimens that you might normally leave behind and bring those in for the silent auctions. Finally, don't forget that extra special specimen that you know will bring some exciting bidding to the live auction. The more exciting the piece, the better the bidding! Let's try to set a new record for auction success. Come ready to bid!

PNWFM Meeting Minutes

May 26, 2018

President, Bruce Kelley, opened the meeting with 8 members present.

Symposium reports and discussion:

John Lindell, show chair, is proposing a Friday night program to encourage the local community, including kids, to come in and learn about the hobby. The program would include a talk from Leslie Moclock, Rice Northwest Museum Curator; microscope demonstrations, fluorescent rock demonstrations, and more. This event would be free to the public and open from 6 pm to 10 pm. As part of this discussion, we also discussed the role of our club to educate and to be welcoming to newcomers. All of us need to seek out newcomers and help them feel welcome and part of what is happening.

One proposal to help newcomers feel more welcome is to have more signage that welcomes people and directs them to the main room and the hallway where our satellite dealers reside.

We will continue using square and electronic registration. This will become available 90 days prior to the symposium. Even though using square cost the club approximately 3%, we will not raise any prices this year.

A full slate of speakers is booked. We discussed one possible theme for the 2019 symposium: Nevada and Utah. The Rice Museum will be open and free to symposium attendees on the Monday following the show. We agreed to offer Leslie a room for Friday night. We will only be able to sale 80 dinner tickets.

We have several members of our current symposium committee retiring after this symposium. It is time for other members to volunteer and help out. Al Liebetrau will be retiring from his long tenure as dealer chair. Allan Young is retiring from his long tenure as speaker chair. John Lindell is retiring from his tenure as symposium chair. John Lindell volunteered to be the new speaker chair. Bruce Kelley volunteered to be the new dealer chair and flyer chair. The most important position to fill will be the 2019 symposium chair. We also need a public relations/advertising chair.

A nomination committee was appointed (Bob Meyer and John Lindell) for a new slate of officers. The election will occur at the 2018 symposium and new officers will be announced at the Sunday morning meeting.

Treasurer's report was provided: \$13,895.75.

Meeting adjourned.

Karen Hinderman, Secretary

Mineralogical Record Supplement

Wendell Wilson of the Mineralogical Record has agreed to have a Northwest Supplement in the Mineralogical Record if we obtain enough individuals and museums to sign up for pages in that supplement. We need a minimum of 96 paid pages. Each page is \$450 with a minimum of 2 pages. The Northwest Supplement can include individuals and museums from WA, OR, ID, MT, AK, BC, and AB. Please let me know if you are interested and I will send you more information.

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Phone: (425) 228-9988

Friends of Mineralogy *Minerals of California*

October 19-21 2018 Kelso, Washington

Featuring Talks by:

Dan Evanich

Rick Kennedy

John Magnasco

Scott Werschky

Main Floor Dealers:

Earth's Treasures, Lehigh Minerals,
Pacific Rim Gem & Mineral, & XTAL

And More:

World-class displays

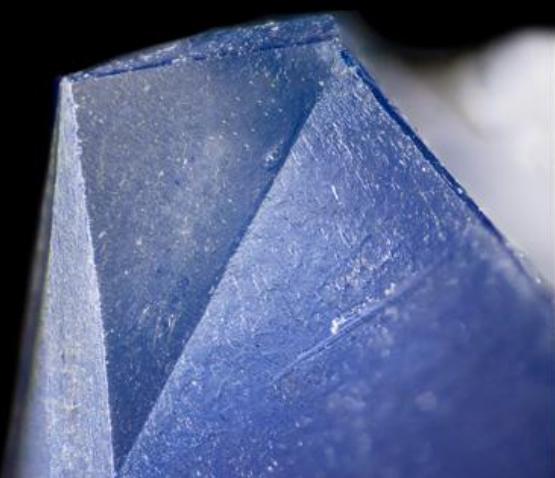
Auctions

Dozens of room dealers

Banquet

Contests

www.pnwm.org



**Friday night events are
FREE to the public!**

Friday Night Public Events:

Leslie Moclock, Curator at
Rice Museum of Rocks & Minerals

and PNWFM members will give
short talks and demonstrations of
interest to new mineral lovers.

Learn about Minerals, Collecting
and Friends of Mineralogy.

See the
President's Letter
for details
concerning
Symposium
registration

NCMA Conference Report

June 8-10, 2018
El Dorado, California

By Beth Heesacker

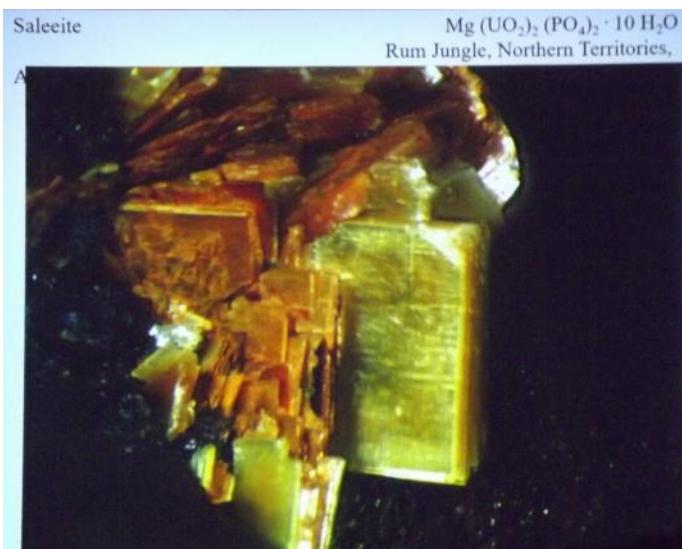
Again the Northern California Mineralogical Association (NCMA) Symposium was the place to be if you are a micro collector. It is like taking 100 field trips in a single weekend without all the climbing, heat, thirst, sore muscles, etc. that go with field collecting. I know, nothing is like collecting yourself, but this is the second best and for those of us who are older it might be the best alternative.



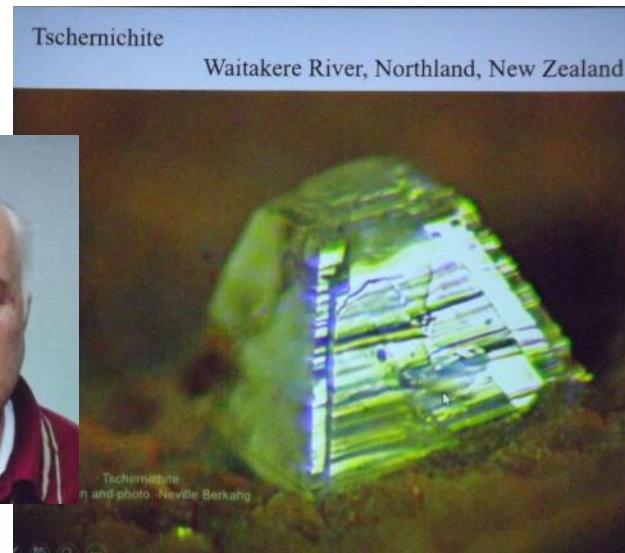
There were flats of minerals from all over the western US brought to the conference by the attendees for the free tables, which were full to overflowing, changed out and refilled constantly by Gerry Petitmerment and others. Gerry's microscope was next to mine but I do not remember seeing him sit down in his chair all weekend long.

There was also a good selection of minerals on the \$1 table. I found a pyramid pyrite from Halls Gap, Kentucky that I highly prize.

The talks were exceptional. Don Howard gave the first talk Friday evening about "What's Old in Minerals" This talk is a fixture of the conference and is about finds from the free tables from the previous year. This year it was about minerals from two years ago since Don was not able to make it to the conference last year due to a traffic accident. By the way, he and his wife, Genie, seem to have recovered fairly well from that accident.

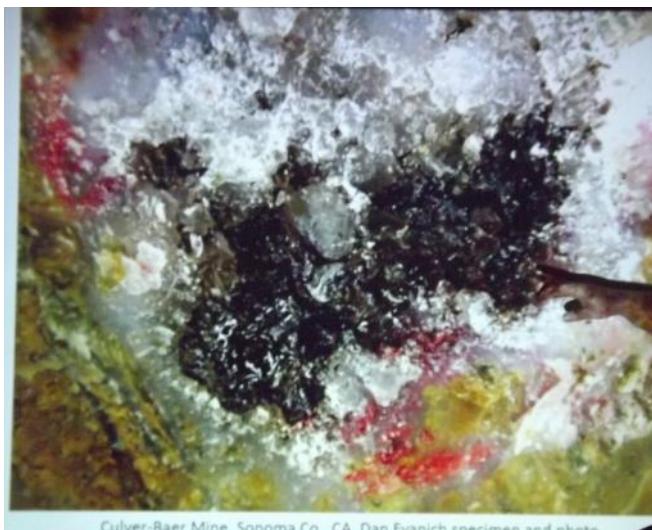
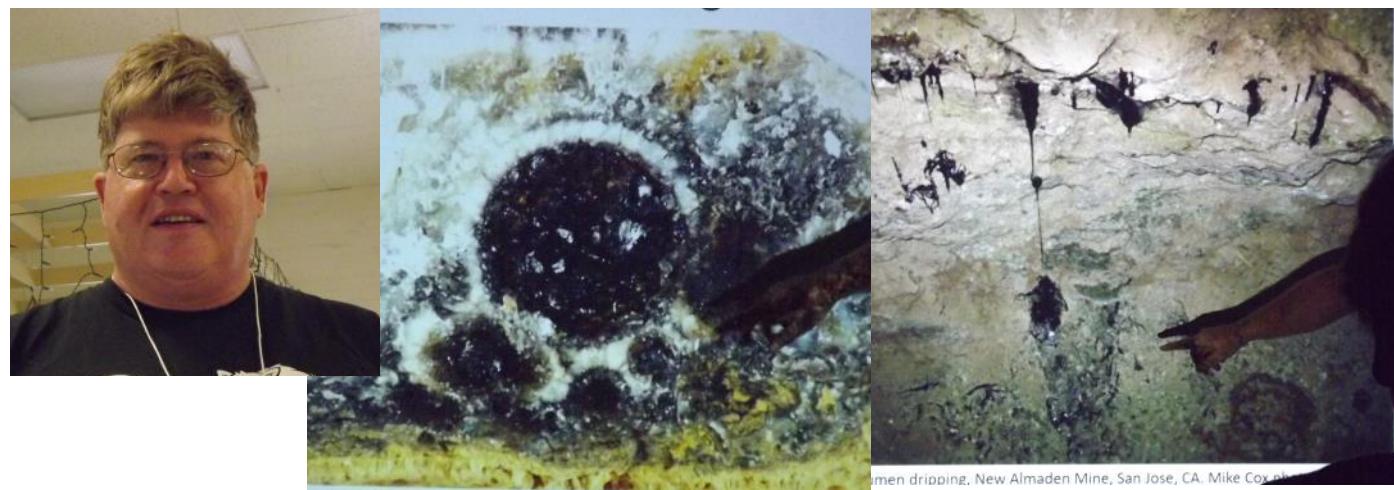


Don also gave a presentation on Rudy Tschernich, who passed away last year, and the mineral named after him, Tschernichite. Tschernichite has now been found in a few places other than Goble, OR, and we were shown pictures of these newer finds and their locations.



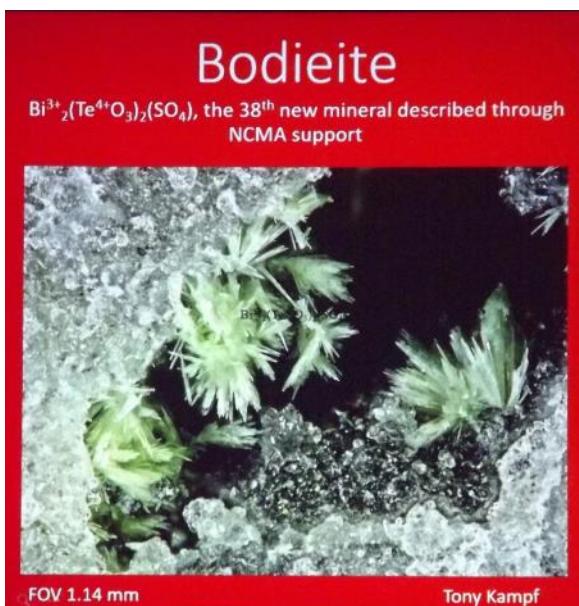
There are always a few “pop-up” talks, in fact this year we had a hard time fitting all of them into the conference since we all want to spend time collecting, looking at, sorting, choosing, etc. from the free tables and \$1 tables.

Ted Hadley gave one of these “pop-up” talks about “The Origin and Role of Bitumen in Mercury Deposits.

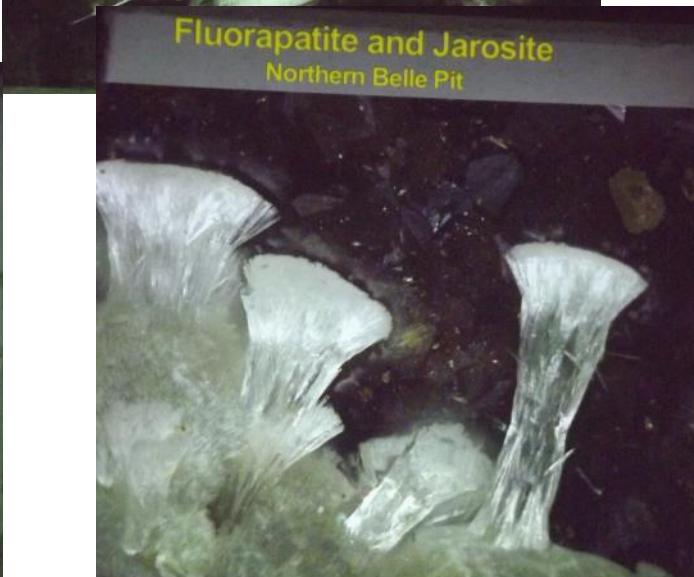
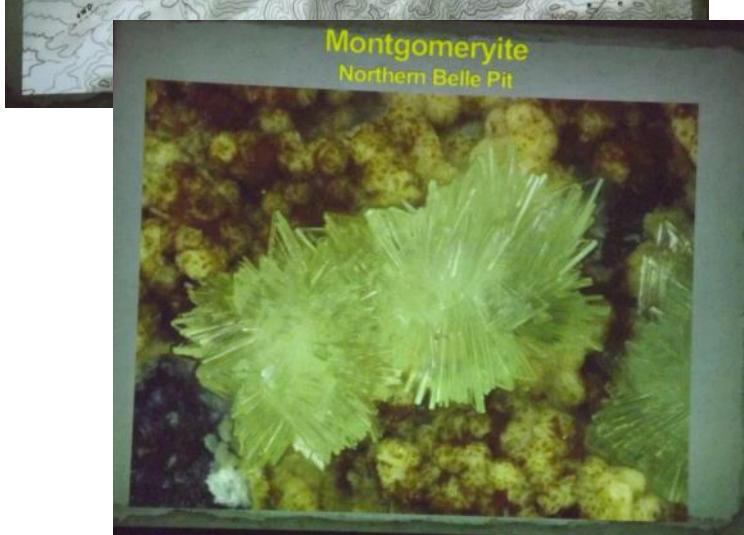
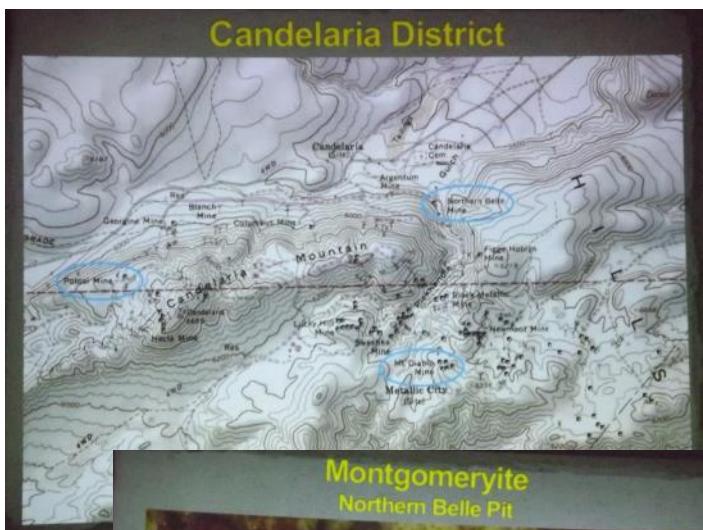


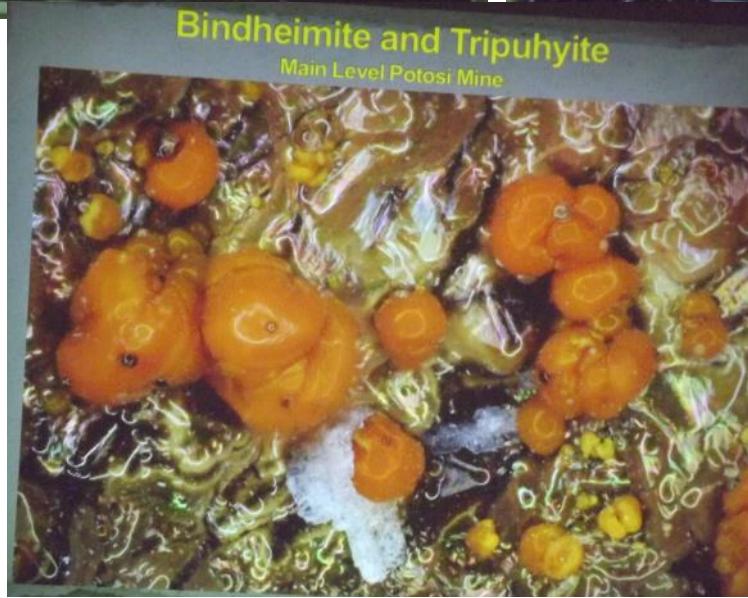
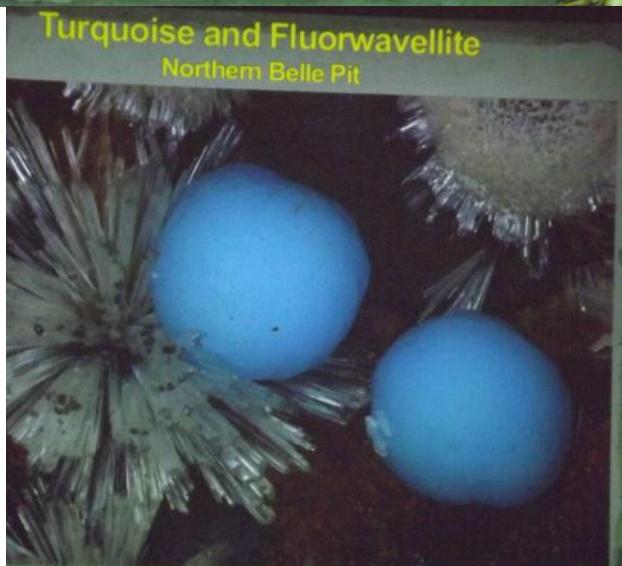
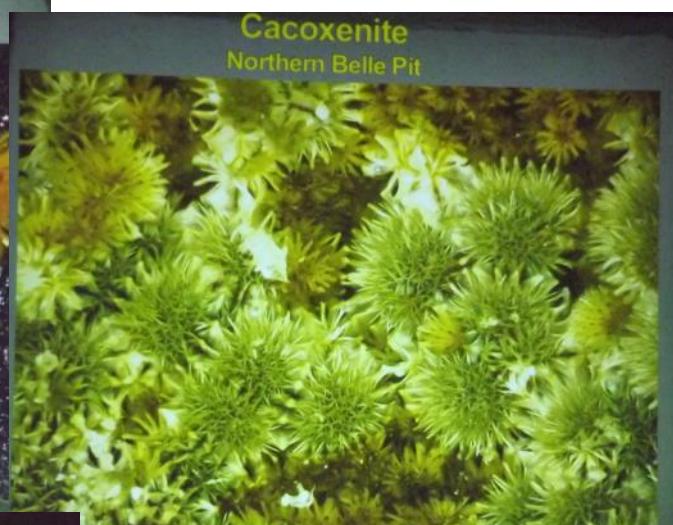
- Origin is seafloor kerogen: organic gunk.
- Swept into the base of the mercury deposit at depth.
- Isotope analysis shows it is hydrothermal.
- Transported in gas phase with mercury also in gas phase.
- Selectively dissolves mercury vapor.
- Remnants stuck in fluids as they cooled became trapped.

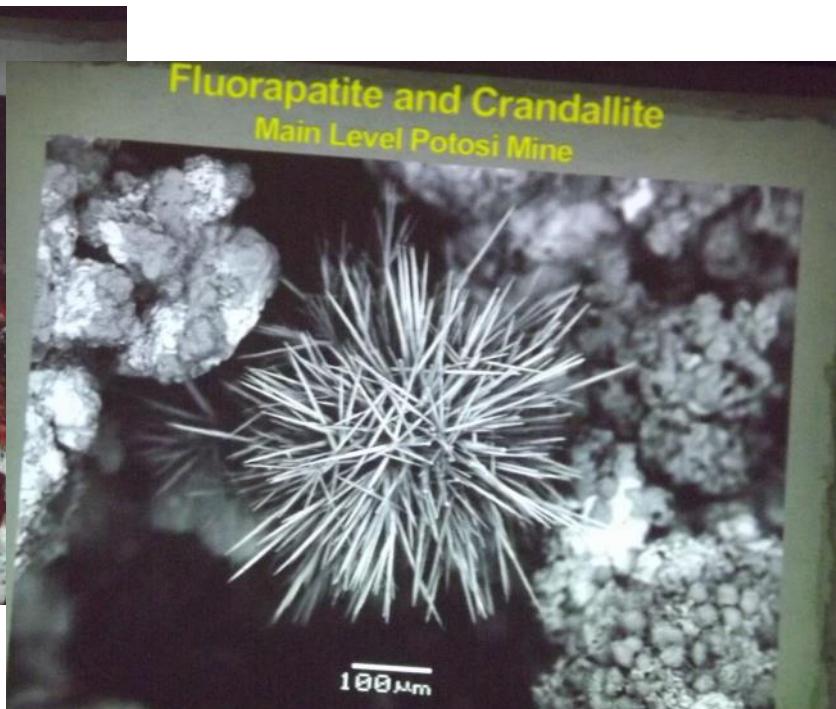
There was also a "pop-up" talk on the new mineral Bodieite given by Dr. Robert Housley.



The first talk on Saturday was "The Mines and Minerals of the Candelaria District, Mineral County, Nevada" by Paul Adams. He gave us a marvelous overview of the history of the area and it's mines and then came all the "eye candy".







Auctioneer Tim Rose

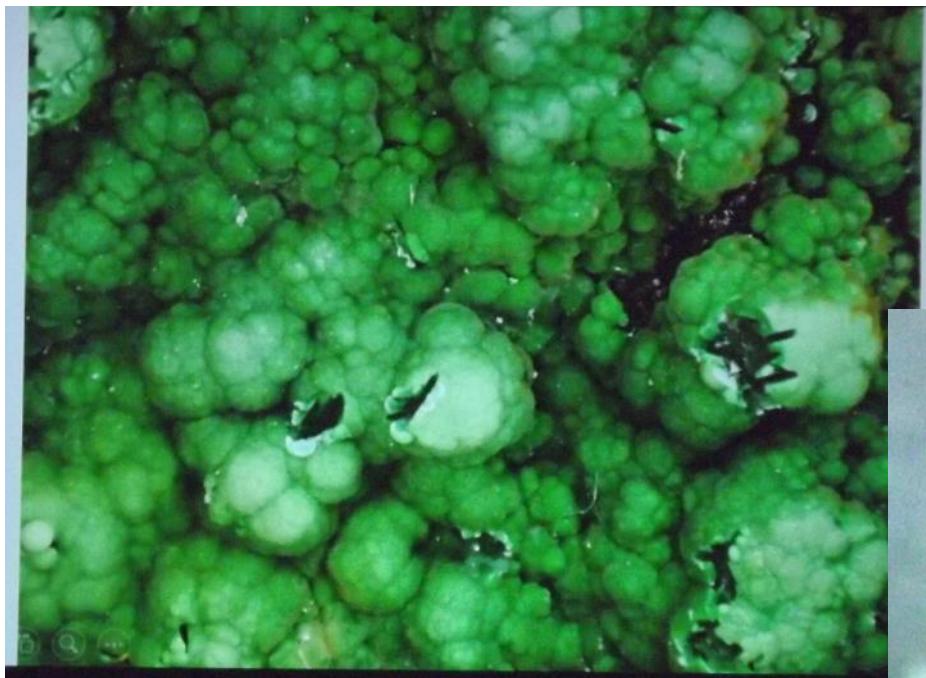
In the silent auction I found a few items of interest. I was high bidder on 2 books, a mineral poster and four boxes of The American Mineralogist (some light reading for late nights). That was added to the flats of minerals and a few items from the oral auction in our class "B" motorhome. I am glad that I collect micros so all this would fit (or I could leave out the food and water and clothes and hubby). What an idea!! No, I did not buy the orange cello. :-)



Stan Bogosian also gave a "pop-up" talk showing some of his great photographs of minerals he had collected in 2017 and 2018.

Flagstaff Mountain Mine,
Flagstaff Mt.,
Stevens Co., WA

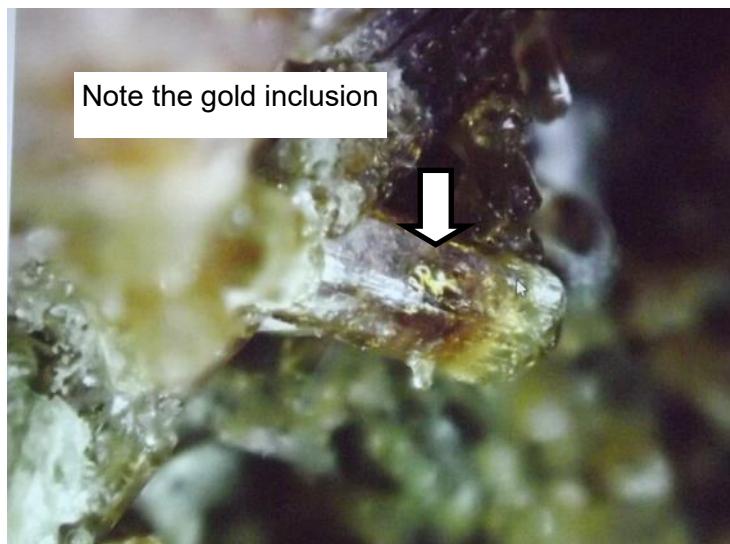




Chilito Mine, Dripping Springs
Mts., Gila Co., AZ



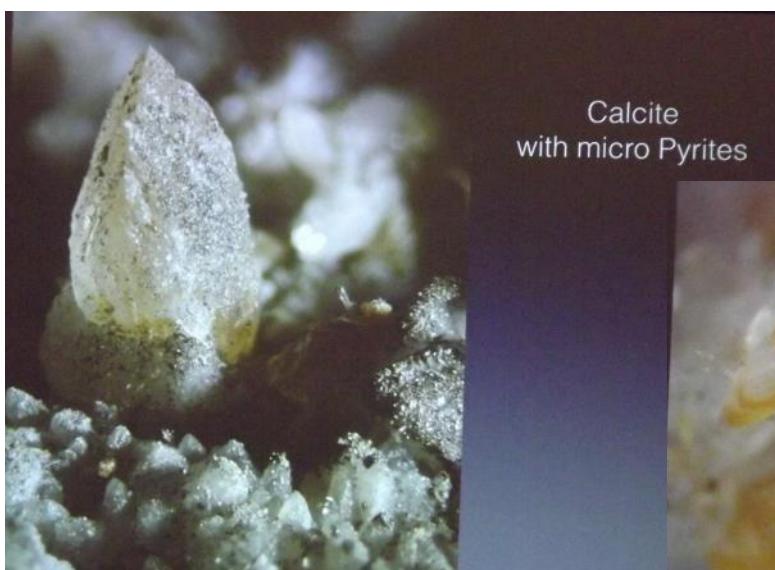
Red Cloud Mine, Silver
District, La Paz Co., AZ

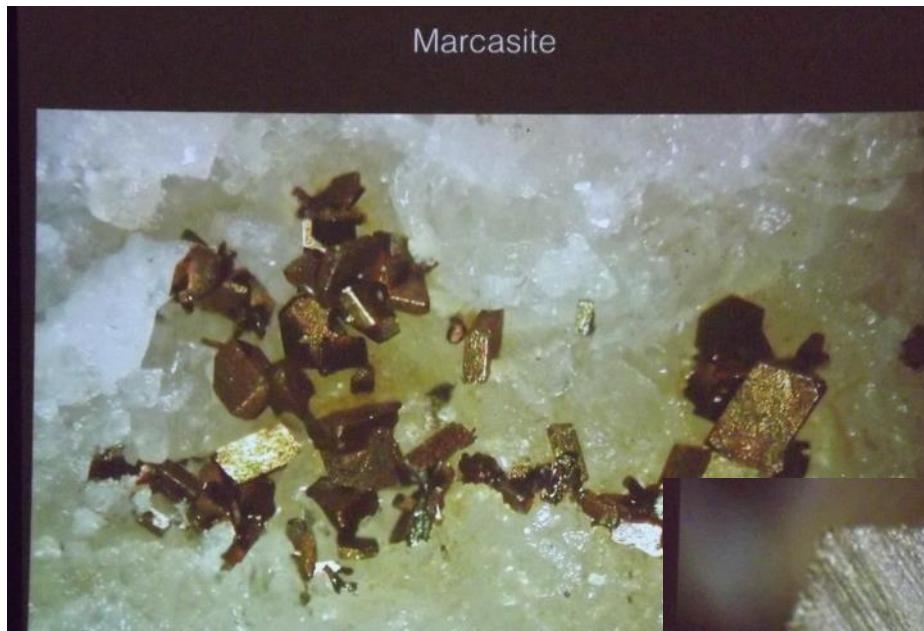


Locality BT-1, Clear Creek, San Benito
Co., CA

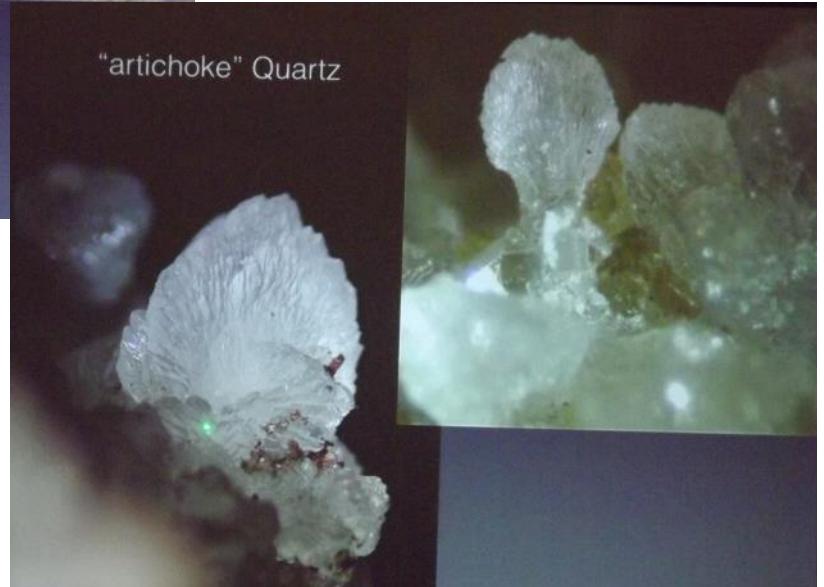
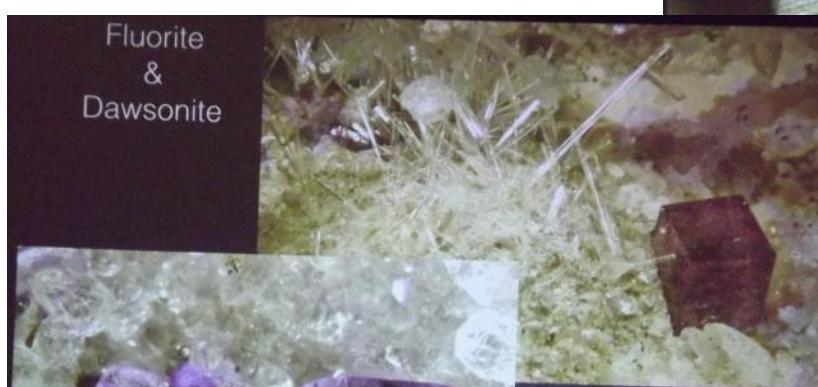
One of the field trips planned was to the Zaca Mine. I do not know if they finally went but one of the finds on the free table (or I should say, under the free table) was a large box of Zaca material. After others had the chance to take what they wanted, I brought the rest home. I will need a hammer and chisel to break it down to size so I can use my Zuber to trim it but what wonderful sprays of quartz are very evident. There are other minerals in the vugs, some covered with quartz, that I will need to identify using Mindat. I hope to have it all broken down and gone through by the next Micro Mineral Study Group meeting in November for their free table.

The main talk on Sunday was given by Bill Lechner on the topic of "Minerals of the Francon Quarry, Montreal, Quebec, Canada". He warned us that there would not be much in the way of color in the minerals from this quarry. No bright colors to attract us. He gave us a brief history of the mine and then came the white minerals.





Some color!



Some more color!



SO LONG
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PLANET FRANCON,
EARTHLINGS !



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- Photography lights 
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On the web at:

www.SwarfSystems.com

This Conference is three days of friendship, learning, collecting and looking at beautiful minerals through our microscopes. To be able to learn from people who are experts in the mineral field and have minerals named after them is an honor. To interface with others who love these tiny minerals in all their forms is a wonderful experience.

Attending this conference is a pilgrimage I hope to make each year.

Author's Note: My apologies for some of the tilted pictures. Sometimes it is hard to shoot pics around people's heads. I occasionally do not get to the best chair for photography. Maybe I need to get a "reserved for the press" sign to place on a certain chair. :-)

Also in a few instances I do not have the mineral identification since I did not take notes.

Bruce Kelly also gave a pop-up talk but I did not take pictures. I just leaned back and enjoyed the eye-candy. Maybe I can include some next time.



PACIFIC NORTHWEST CHAPTER FRIENDS OF MINERALOGY

www.PNWF.org

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MINERAL MEETING CALENDAR

2018:

Washington Pass Cleanup, August 10-12

44th annual PNWFM Symposium, October 19-21

Minerals of California

Red Lion Inn

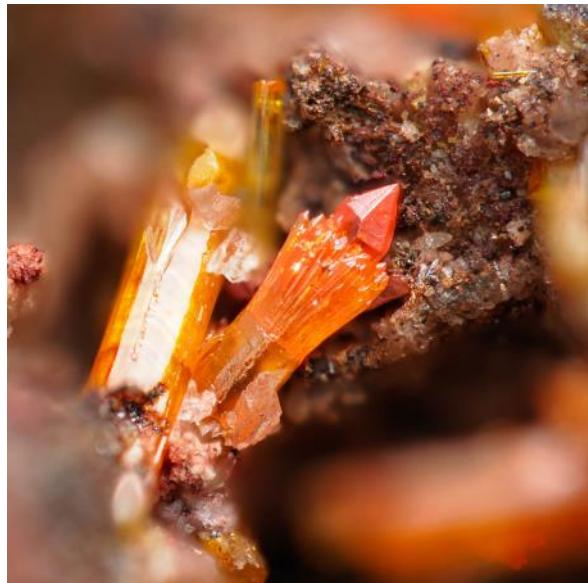
Kelso, WA

Micro Mineral Study Group, November 3, 9:30 am to 4:30 pm

Camas-Washougal Fire Station #42

4321 NW Parker Street

Camas, Washington



Mimetite from Sammy Dog Mine,
Silver Bell Dist., Pima Co., AZ
FOV: 1.36 mm. Photo by Bruce Kelly
(From NCMA Giveaway Table)



Hewettite from Burro Mine, Slick Rock Dist.,
San Miguel Co., CO. FOV: 1.72 mm.
Photo by Bruce Kelly
(From NCMA Giveaway Table, ID by Tim Rose)